

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0360.1US	SERIAL NO. 10/629,434
	APPLICANT DiFazio et al.	
	FILING DATE July 29, 2003	GROUP 2617

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		6,286,122	09/2001	Alanara				
		6,331,975	12/2001	Hosur et al.				
		6,341,125	01/2002	Hong et al.				
		6,615,386	09/2003	Yano et al.				
		6,646,993	11/2003	Davies et al.				
		6,693,952	02/2004	Chuah et al.				
		2002/0009061	01/2002	Willenegger				
		2002/0025820	02/2002	Fauconnier et al				
		2002/0167969	11/2002	Eriksson et al.				
		2003/0039236	02/2003	Uga				
FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		0969604	01/2000	EP				
		1102440	05/2001	EP				
OTHER DOCUMENTS								
EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)						
		"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD)," <u>3GPP TS 25.221 V4.1.0</u> (06/2001), Release 4.						
		"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD)," <u>3GPP TS 25.221 V4.5.0</u> (06/2002), Release 4.						
		"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD)," <u>3GPP TS 25.221 V4.7.0</u> (12/2002), Release 4.						

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	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD)," <u>3GPP TS 25.221 V5.1.0 (06/2002)</u> , Release 5.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD)," <u>3GPP TS 25.221 V5.5.0 (06/2003)</u> , Release 5.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (TDD)," <u>3GPP TS 25.222 V4.1.0 (09/2001)</u> , Release 4.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (TDD)," <u>3GPP TS 25.222 V4.4.0 (06/2002)</u> , Release 4.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (TDD)," <u>3GPP TS 25.222 V4.6.0 (12/2002)</u> , Release 4.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (TDD)," <u>3GPP TS 25.222 V5.1.0 (06/2002)</u> , Release 5.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (TDD)," <u>3GPP TS 25.222 V5.5.0 (06/2003)</u> , Release 5.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (TDD)," <u>3GPP TS 25.223 V4.1.0 (06/2001)</u> , Release 4.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (TDD)," <u>3GPP TS 25.223 V4.4.0 (03/2002)</u> , Release 4.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (TDD)," <u>3GPP TS 25.223 V4.5.0 (12/2002)</u> , Release 4.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (TDD)," <u>3GPP TS 25.223 V5.1.0 (06/2002)</u> , Release 5.
	"Third Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (TDD)," <u>3GPP TS 25.223 V5.3.0 (03/2003)</u> , Release 5.

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EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	*	FAWER ET AL., "A Multiuser Receiver for Code Division Multiple Access Communications over Multipath Channels," IEEE Transactions on Communications, Volume 43, pp. 1556 – 1565 (April 1995).
	*	HIU ET AL., "Successive Interference Cancellation for Multiuser Asynchronous DS/CDMA Detectors in Multipath Fading Links," IEEE Transactions on Communications, Volume 46, No. 3, pp. 384 – 391 (March 1998).
	*	KLEIN ET AL., "Linear Unbiased Data Estimation in Mobile Radio Systems Applying CDMA," IEEE Journal on Selected Areas in Communications, Volume 11, pp. 1058 – 1066 (September 1993).
	*	KLEIN ET AL., "Zero Forcing and Minimum Mean-Square-Error Equalization for Multiuser Detection in Code-Division Multiple-Access Channels," IEEE Transportation Vehicle Technology, Volume 45, pp. 276 - 287 (May 1996).
	*	PAN ET AL., "Low Complexity Data Detection Using Fast Fourier Transform Decomposition of Channel Correlation Matrix," IEEE Global Telecommunications Conference, Volume 2, pp. 1322-1326 (November 2001).
	*	PATEL ET AL., "Analysis of a Simple Successive Interference Cancellation Scheme in a DS/CDMA System," IEEE Journal of Select Areas in Communication, Volume 12, No. 5, pp. 796 – 807 (June 1994).
	*	PRASAD ET AL., "Third Generation Mobiles Communication Systems," Arctech Publishers, Chapter 4 (2002).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 1999)," 3GPP TS 25.224 V3.10.0 (March 2003).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 1999)," 3GPP TS 25.224 V3.12.0 (December 2002).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 4)," 3GPP TS 25.224 V4.1.0 (June 2001).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 4)," 3GPP TS 25.224 V4.5.0 (June 2002).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 4)," 3GPP TS 25.224 V4.8.0 (March 2003).

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EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 5)," 3GPP TS 25.224 V5.1.0 (June 2002).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 5)," 3GPP TS 25.224 V5.5.0 (June 2003).

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